

## AFRL senior scientist retires after 38 years

*by David D. Curtis, Sensors Directorate*

*HANSCOM AIR FORCE BASE, Mass.* — Dr. Robert Mailloux, the Air Force Research Laboratory's senior scientist for antenna technology, is retiring after nearly 40 years of civil service, 34 of which were at Hanscom Air Force Base.

Dr. Mailloux joined the staff of the then-Air Force Cambridge Research Laboratory in 1970.

Prior to that he had earned a bachelor's degree in electrical engineering from Northeastern University, as well as a master's and doctorate in applied physics from Harvard.

From 1965 to 1970, he worked at the NASA Electronics Research Center in Cambridge, Mass.

He began his Air Force career in 1970 as a research physicist within the AFCRL Microwave Physics Laboratory and he continued research studies even while taking on supervisory responsibilities as branch chief and division chief at AFCRL and later Rome Laboratory.

He has served as senior scientist for the AFRL Sensor Directorate since the formation of the Air Force Research Laboratory.

During his career, he has published more than 40 papers in journals and 150 in symposium proceedings and other publications.

He has served as "distinguished lecturer" for the Institute of Electrical and Electronics Engineers (IEEE). Antennas and Propagation Society, and "Invited Editor" for special issues of four technical journals. He has 12 patents and is the author of the "Phased Array Antenna Handbook." Dr. Mailloux has written chapters in 10 texts on electromagnetics and antennas. He is also an elected fellow of the IEEE and was president of the Antenna and Propagation Society.

Dr. Mailloux has won numerous awards including the IEEE Third Millennium Medal; the IEEE Harry Diamond Memorial Award (IEEE Field Medal), and Air Force "Best Paper awards: the C.E. Ryan, the Marcus O'Day, the Fred Diamond and the Chief Scientist's awards in addition to being an AFRL fellow.

During his retirement, he intends to continue some research part-time and enjoy more cross-country skiing, tennis and kayaking. @